

#21

SHEET 1 OF 2

Substitute for form 1449A/PTO

ATTORNEY'S DKT NO.
001560-376APPLICATION NO.
09/424,059INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Yoichi NUNOKAWA et al
FILING DATE
November 18, 1999GROUP
1624

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U.S. PATENT DOCUMENTS

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Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
TNT	62-286949		JP	12-12-1987	Abstract Only	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TNT	✓ Salvador Moncada, M.D., et al, "The L-Arginine-Nitric Oxide Pathway," The New England Journal of Medicine, Vol. 329, No. 27, pp. 2002-2012, 1993. ✓
	✓ Ulrich Forstermann et al, "Properties, Cellular Distribution and Expression Control," Biochemical Pharmacology, Vol. 50, No. 9, pp. 1321-1332, 1995.
	✓ V. Cattell et al, "Inducible Nitric Oxide Synthase in Inflammation," Histochemical Journal, Vol. 27, pp. 777-784, 1995.
	✓ Andreas K. Nussler et al, "Inflammation, Immunoregulation, and Inducible Nitric Oxide Synthase," Journal of Leukocyte Biology, Vol. 54, pp. 171-178, 1993.
	✓ S. Moncada et al, "Molecular Mechanisms and Therapeutic Strategies Related to Nitric Oxide," The FASEB Journal, Vol. 9, pp. 1319-1330, 1995.
	✓ Xiao-qing Wei et al, "Altered Immune Responses in Mice Lacking Inducible Nitric Oxide Synthase," Nature, Vol. 375, pp. 408-411, 1995.
	✓ Jill E. Ogden et al, "Inhibition of Nitric Oxide Synthase - Potential for a Novel Class of Therapeutic Agent," Tibtech, Vol. 13, pp. 70-78, 1995.
	✓ R. Davis Manning, Jr. et al, "Cardiovascular Responses to Long-Term Blockade of Nitric Oxide Synthesis," Hypertension, Vol. 22, No. 1, pp. 40-48, 1993.
	✓ Garry J. Southan et al, "Selective Pharmacological Inhibition of Distinct Nitric Oxide Synthase Isoforms," Biochemical Pharmacology, Vol. 51, pp. 383-394, 1996.
	✓ Pierre Vassalli et al, "The Pathophysiology of Tumor Necrosis Factors," Annu. Rev. Immunol., Vol. 10, pp. 411-452, 1992.
	✓ Yasutoshi Muto et al, "Enhanced Tumour Necrosis Factor and Interleukin-1 in Fulminant Hepatic Failure," The Lancet, pp. 72-74, 1998.
	✓ Mohammad K. Sharief, M.B. et al, "Association Between Tumor Necrosis Factor- α and Disease Progression in Patients with Multiple Sclerosis," Vol. 325, No. 7, pp. 467-472, 1991.
	✓ Ciro Tetta et al, "Tumour Necrosis Factor in Serum and Synovial Fluid of Patients with Active and Severe Rheumatoid Arthritis," Annals of the Rheumatic Diseases, Vol. 49, pp. 665-667, 1990.
	✓ G. Venn et al, "Elevated Synovial Fluid Levels of Interleukin-6 and Tumor Necrosis Factor Associated with Early Experimental Canine Osteoarthritis," Arthritis and Rheumatism, Vol. 36, No. 6, pp. 819-826, 1993.
TNT	✓ Michael J. Elliott et al, "Repeated Therapy with Monoclonal Antibody to Tumour Necrosis Factor α (cA2) in patients with Rheumatoid Arthritis," The Lancet, Vol. 344, pp. 1125-1127, 1994.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

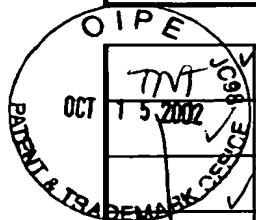
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- Michael J. Elliott et al, "Randomised Double-Blind Comparison of Chimeric Monoclonal Antibody to Tumour Necrosis Factor α (cA2) Versus Placebo in Rheumatoid Arthritis," *The Lancet*, Vol. 344, pp. 1105-1110, 1994.
- E. C. C. Rankin et al, "The Therapeutic Effects of an Engineered Human Anti-Tumour Necrosis Factor Alpha Antibody (CDP571) in Rheumatoid Arthritis," *British Journal of Rheumatology*, Vol. 34, pp. 334-342, 1995.
- Jean-Louis Vincent, M.D. et al, "Administration of Anti-TNF Antibody Improves Left Ventricular Function in Septic Shock Patients," *Chest*, Vol. 101, No. 3, pp. 810-815, 1992.
- ✓ L.B. Hinshaw et al, "Survival of Primates in LD₁₀₀ Septic Shock Following Therapy with Antibody to Tumor Necrosis Factor (TNF α)," *Circulatory Shock*, Vol. 30, pp. 279-292, 1990.
- ✓ U. Nyman et al, "Amelioration of Collagen II-Induced Arthritis in Rats by the Type IV Phosphodiesterase Inhibitor Rolipram," *Clin. Exp. Immunol.* Vol. 108, pp. 415-419, 1997.
- ✓ Timothy S. Blackwell et al, "The Role of Nuclear Factor- κ B in Cytokine Gene Regulation," *Am. J. Respir. Cell Mol. Biol.*, Vol. 17, pp. 3-9, 1997.
- ✓ C. Victor Jongeneel, "Regulation of the TNF α Gene," *Bacterial Endotoxins: Basic Science to Anti-Sepsis Strategies*, pp. 367-381, 1994.
- ✓ Qiao-wen Xie et al, "Role of Transcription Factor NF- κ B/Rel in Induction of Nitric Oxide Synthase," *The Journal of Biological Chemistry*, Vol. 269, No. 7, pp. 4705-4708, 1994.
- ✓ Yoichi Nunokawa et al, "Human Inducible Nitric Oxide Synthase Gene is Transcriptionally Regulated by Nuclear Factor- κ B Dependent Mechanism," *Biochemical and Biophysical Research Communications*, Vol. 223, pp. 347-352, 1996.
- ✓ Tucker Collins et al, "Transcriptional Regulation of Endothelial Cell Adhesion Molecules: NF- κ B and Cytokine-Inducible Enhancers," *The FASEB Journal*, Vol. 9, pp. 899-909, 1995.
- ✓ Patrick A. Baeuerle et al, "NF- κ B as a Frequent Target for Immunosuppressive and Anti-Inflammatory Molecules," *Advances in Immunology*, Vol. 65, pp. 111-137, 1997.
- ✓ Bruce J. Dezube et al, "Cytokine Dysregulation in AIDS: In Vivo Overexpression of mRNA of Tumor Necrosis Factor- α and Its Correlation with That of the Inflammatory Cytokine GRO," *Journal of Acquired Immune Deficiency Syndromes*, Vol. 5, pp. 1099-1104, 1992.
- ✓ Gary Nabel et al, "An Inducible Transcription Factor Activates Expression of Human Immunodeficiency Virus in T Cells," *Nature*, Vol. 326, pp. 711-713, 1987.
- ✓ Fatemeh Fazely et al, "Pentoifylline (Trental) Decreases the Replication of the Human Immunodeficiency Virus Type 1 in Human Peripheral Blood Mononuclear Cells and in Cultured T Cells," *Blood*, Vol. 77, No. 8, pp. 1653-1656, 1991.
- ✓ Eduardo Munoz et al, "Activation of NF- κ B by the Tax Protein of HTLV-1," *Immunobiol.* Vol. 193, pp. 128-136, 1995.
- ✓ Nathalie Auphan et al, "Immunosuppression by Glucocorticoids: Inhibition of NF- κ B Activity Through Induction of I κ B Synthesis," *Science*, Vol. 270, pp. 286-290, 1995.
- ✓ Rodney E. Shackelford et al, "Aspirin Inhibits Tumor Necrosis Factor- α Gene Expression in Murine Tissue Macrophages," *Molecular Pharmacology*, Vol. 52, pp. 421-429, 1997.
- ✓ Vira Bitko et al, "Transcriptional Induction of Multiple Cytokines by Human Respiratory Syncytial Virus Requires Activation of NF- κ B and is Inhibited by Sodium Salicylate and Aspirin," *Virology*, Vol. 232, pp. 369-378, 1997.
- ✓ Kenji Suzuki et al, "2-Arylmethyl-1,4-benzoquinones. I. Novel Inhibitors of Platelet Aggregation: Synthesis and Pharmacological Evaluation," *Chem. Pharm. Bull.* Vol. 44, No. 1, pp. 139-144, 1996.
- ✓ Mario C. Filion et al, "Anti-Inflammatory Activity of Cationic Lipids," *British Journal of Pharmacology*, Vol. 122, pp. 551-557, 1997.
- ✓ Peter W. Tsao et al, "The Effect of Dexamethasone on the Expression of Activated NF- κ B in Adjuvant Arthritis," *Clinical Immunology and Immunopathology*, Vol. 83, No. 2, pp. 173-178, 1997.
- ✓ Salvatore Cuzzocrea et al, "Antiinflammatory Effects of Mercaptoethylguanidine, A Combined Inhibitor of Nitric Oxide Synthase and Peroxynitrite Scavenger, in Carrageenan-Induced Models of Inflammation," *Free Radical Biology & Medicine*, Vol. 24, No. 3, pp. 450-459, 1998.
- ✓ Yoshiki Sawa et al, "A Novel Strategy for Myocardial Protection Using In Vivo Transfection of *cis* Element 'Decoy' Against Nf κ B Binding Site," *Circulation*, Vol. 96, No. 9, pp. II-280-II-285, 1997.
- ✓ Toshihiro Nakajima et al, "ES510 Antagonizes Thrombin Receptor Signals by Inhibiting NF- κ B Activation," *Biochemical and Biophysical Research Communications*, Vol. 203, No. 2, pp. 1181-1187, 1994.

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